

SEQUENCE LISTING

(1) GENERAL INFORMATION:

- (i) APPLICANTS: MUIR, TOM W.
MAYVILLE, PATRICIA
NOVICK, RICHARD B.
BEAVIS, RONALD
JI, GUANGYONG
- (ii) TITLE OF INVENTION: NOVEL STAPHYLOCOCCUS PEPTIDES FOR
BACTERIAL INTERFERENCE
- (iii) NUMBER OF SEQUENCES: 8
- (iv) CORRESPONDENCE ADDRESS:
 - (A) ADDRESSEE: KLAUBER & JACKSON
 - (B) STREET: 411 HACKENSACK AVENUE
 - (C) CITY: HACKENSACK
 - (D) STATE: NEW JERSEY
 - (E) COUNTRY: USA
 - (F) ZIP: 07601
- (v) COMPUTER READABLE FORM:
 - (A) MEDIUM TYPE: Floppy disk
 - (B) COMPUTER: IBM PC compatible
 - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
 - (A) APPLICATION NUMBER: Not yet known
 - (B) FILING DATE: 24-JUN-1999
 - (C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
 - (A) APPLICATION NUMBER: 60/090,402
 - (B) FILING DATE: 24-JUN-1998
 - (C) CLASSIFICATION: Not assigned
- (viii) ATTORNEY/AGENT INFORMATION:
 - (A) NAME: JACKSON, DAVID A.
 - (B) REGISTRATION NUMBER: 26,742
 - (C) REFERENCE/DOCKET NUMBER: 600-1-231
- (ix) TELECOMMUNICATION INFORMATION:
 - (A) TELEPHONE: 201-487-5800
 - (B) TELEFAX: 201-343-1684

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: not relevant
 - (D) TOPOLOGY: both
- (ii) MOLECULE TYPE: peptide
- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

Gly Val Asn Ala Xaa Ser Ser Leu Phe
1 5

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: not relevant
 - (D) TOPOLOGY: both

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

Gly Ala Asn Ala Xaa Ser Ser Leu Phe
1 5

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: not relevant
 - (D) TOPOLOGY: both

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Gly Val Ala Ala Xaa Ser Ser Leu Phe
1 5

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: not relevant
 - (D) TOPOLOGY: both

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Ala Val Asn Ala Xaa Ser Ser Leu Phe
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(2) INFORMATION FOR SEQ ID NO:5:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: not relevant
 - (D) TOPOLOGY: both

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

Gly Val Asn Ala Xaa Ala Ser Leu Phe
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(2) INFORMATION FOR SEQ ID NO:6:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: not relevant
 - (D) TOPOLOGY: both

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Gly Val Asn Ala Xaa Ser Ala Leu Phe
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(2) INFORMATION FOR SEQ ID NO:7:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 9 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: not relevant
 - (D) TOPOLOGY: both

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

Gly Val Asn Ala Xaa Ser Ser Ala Phe
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(2) INFORMATION FOR SEQ ID NO:8:

- (i) SEQUENCE CHARACTERISTICS:
 - (A) LENGTH: 5 amino acids
 - (B) TYPE: amino acid
 - (C) STRANDEDNESS: not relevant
 - (D) TOPOLOGY: both

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

Xaa Ser Ser Leu Phe
1 5

T0221-0562001

SEQUENCE LISTING

<110> Muir, Tom
Mayville, Patricia
Novick, Richard P.
Beavis, Ronald
Ji, Guangyong

<120> NOVEL STAPHYLOCOCCUS PEPTIDES FOR BACTERIAL
INTERFERENCE

<130> 600-1-231N

<140> 09/339,511

<141> 1999-06-24

<150> 60/090,402

<151> 1998-06-24

<160> 8

<170> PatentIn Ver. 2.0

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<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

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<221> VARIANT

<222> (5)

<223> Xaa represents any amino acid at this position.

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Gly Val Asn Ala Xaa Ser Ser Leu Phe

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
peptide

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<221> VARIANT

<222> (5)

<223> Xaa represents any amino acid at this position.

Patent 0962002

Figure 1 consists of 12 histograms arranged in a single column. Each histogram represents the frequency distribution of the number of non-zero elements in the vector x for a specific value of n . The x-axis for all histograms is 'Number of non-zero elements in x ' with major ticks at 0, 20, 40, 60, 80, 100, and 120. The y-axis is 'Frequency' with major ticks at 0, 2, 4, 6, 8, and 10. The histograms are labeled with n values: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, and 120. As n increases, the distribution of non-zero elements shifts to the right, indicating that more elements in the vector x are non-zero for larger n .

<220>
<221> VARIANT
<222> (5)
<223> Xaa represents any amino acid at this position.



1

5

Figure 1 is a schematic representation of the experimental design. It shows a sequence of events: 'Pretest' (with 'Pretest' and 'Posttest' labels), 'Training' (with 'Training' and 'Posttest' labels), and 'Transfer' (with 'Transfer' and 'Posttest' labels). Each phase includes a 'Pretest' and a 'Posttest' measurement. The 'Transfer' phase is divided into 'Transfer' and 'Posttest' sub-phases. The 'Posttest' label is repeated for each phase.